



Express Mail No. EL 752188019 US  
PATENT  
RD-28,282

IN THE UNITED STATES OFFICE OF PATENTS AND TRADEMARKS

Applicants: Edic et al. :  
Serial Number: 10/034,133 : Group Art Unit: 2882  
Filed: December 28, 2001 : Examiner:  
For: METHODS AND APPARATUS FOR :  
COMPUTED TOMOGRAPHY :  
IMAGING :

Box: Missing Parts  
Commissioner for Patents  
Washington, D.C. 20231

TRANSMITTAL

1. Transmitted herewith is:

**Preliminary Amendment; Submission of Marked Up Paragraphs; Certificate of Express Mail; Return Post Card**

STATUS

2. Applicant  
☒ Claims small entity status.  
☒ is other than a small entity.


CERTIFICATE OF MAILING/TRANSMISSION

I hereby certify that this correspondence is, on the date shown below, being:

MAILING  
☒ deposited with the United States Postal Service with sufficient postage as "Express Mail Post Office to Addressee" in an envelope addressed to: Box Missing Parts, Commissioner for Patents, Washington, D.C. 20231, Express Mail No. EL 752188019 US.

Date: April 30, 2002

FACSIMILE  
Transmitted by facsimile to the Patent and Trademark Office

  
Thomas M. Fisher  
Reg. No. 47,564

### EXTENSION OF TERM

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply.

(complete (a) or (b), as applicable)

- (a) \_\_\_\_\_ Applicant petitions for an extension of time under 37 C.F.R. 1.136  
(Fees: 37 C.F.R. 1.17(a)-(d) for the total number of months checked below:)

Extension for response within:	Other than small entity Fee	Small entity Fee (if applicable)
_____ first month	\$ 110.00	\$ 55.00
_____ Second month	\$ 400.00	\$ 200.00
_____ Third month	\$ 920.00	\$ 460.00
_____ Fourth month	\$1,440.00	\$ 720.00
_____ fifth month	\$1,960.00	\$ 980.00

Fee: \$ 0.00

If an additional extension of time is required, please consider this a petition therefor.

*(Check and complete the next item, if applicable)*

\_\_\_\_\_ An extension of \_\_\_\_\_ months has already been secured. The fee paid therefor \$ \_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$ 0.00

OR

- (b) ☒ Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

## FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

	(Col. 1)		(Col. 2)	(Col. 3)	SMALL ENTITY		OTHER THAN SMALL ENTITY
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	ADDITIONAL RATE FEE	OR	ADDITIONAL RATE FEE
TOTAL		MINUS		= 0	x \$9 = \$		x \$18 = \$
INDEP.		MINUS		= 0	x \$42 = \$		x \$84 = \$
	FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				+ \$130 = \$		+ \$280 = \$
					TOTAL ADDITIONAL FEE \$	OR	TOTAL ADDITIONAL FEE \$

- (a) ☒ No additional fee for claims is required.

**OR**

- (b) \_\_\_\_\_ Total additional fee for claims required \$

## FEE PAYMENT

5. \_\_\_\_\_ Attached is a check in the sum of \$ \_\_\_\_\_  
 \_\_\_\_\_ Charge Deposit Account No. 01-2384 the sum of \$  
 A duplicate of this transmittal is attached.

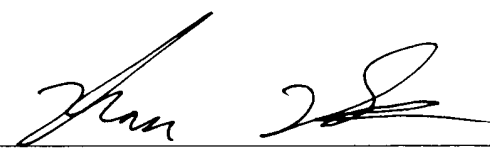
## FEE DEFICIENCY

6. ☒ If any additional extension and/or fee is required, charge Deposit Account No. 01-2384.

**AND/OR**

- ☒ If any additional fee for claims is required, charge Deposit Account No. 01-2384.

7. \_\_\_\_\_ Other:

  
 Thomas M. Fisher, Reg. No. 47,564  
 ARMSTRONG TEASDALE LLP  
 One Metropolitan Square, Suite 2600  
 St. Louis, MO 63102-2740  
 (314) 621-5070



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**PRELIMINARY AMENDMENT**

Commissioner for Patents  
Washington, D.C. 20231

Prior to the examination of this Application, please amend the Application as follows:

IN THE SPECIFICATION

At Page 2, please delete the paragraph beginning with "In particular embodiments of a volumetric CT system" and replace with the following replacement paragraph:

In particular embodiments of a volumetric CT system, area radiation detector arrays may be approximately twenty centimeters (cm) square or less and the array and gantry are rotated 360° about the patient to produce a complete image. Conversely, the x-ray tube and gantry can be held constant (stationary gantry) while the object is rotated during data acquisition. These schemes can be implemented in industrial CT systems, such as, for example, but not limited to, a baggage scanning CT system for an airport or other transportation center. The former CT system topology will be described in detail in the text that follows. However, methods described herein are equally applicable to stationary gantry systems and are not meant to limit the scope of the